

FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
TH1843 03 (US)APPLICATION NUMBER
10/717,239APPLICANT
K. H. Raney et al.FILING DATE
November 19, 2003GROUP ART UNIT
1746

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JRS	AA	3,915,857	10/28/75	Olson	210	62	
	AB	4,975,199	12/4/90	Woster et al.	210	638	
	AC	5,241,720	9/7/93	Engel et al.	8	158	
	AD	5,403,498	4/4/95	Morrissey et al.	210	767	
	AE	5,787,537	8/4/98	Mannillo	8	158	
	AF	5,827,373	10/27/98	Eriksson	134	10	
	AG	5,885,459	3/23/99	Lerche et al.	210	602	
	AH	5,960,501	10/5/99	Burdick	8	158	
	AI	6,010,621	1/4/00	Pattee	210	114	
	AJ	6,195,825	3/6/01	Jones	8	158	
JRS	AK	6,393,643	5/28/02	Wientjens	8	159	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes	No
	AM						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	

EXAMINER

JRS

DATE CONSIDERED

7/10/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

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APR 21 2005

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
JHS	AA	2,130,817	09-1938	Shaw, Julian C.	8	137	
	AB	2,287,927	06-1942	Altorfer, Henry W.	68	23/5	
	AC	2,395,397	02-1946	Croft, Gorge M.	15	308	
	AD	2,412,722	12-1946	Dyer, John B.	74	22R	
	AE	2,588,774	03-1952	Smith, Thomas R.	68	12.13	
	AF	3,046,081	07-1962	Smith, Jack C. et al.	8	159	
	AG	3,583,181	06-1971	Brillet, Andre L. M.	68	18F	
	AH	3,911,938	10-1975	Wiltout, Dale E.	134	104.1	
	AI	5,097,556	03-1992	Engel et al.	8	158	
JHS	AJ	5,241,843	09-1993	Hein, Jack D.	68	3R	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL						
	AM						
	AN						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

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ATTY. DOCKET NO.
TH1843 02 (US)

APPLICATION NUMBER

APPLICANT
K. H. Raney et al.

FILING DATE

GROUP ART UNIT

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>JWS</i>	BJ	3,513,939 A1	12/5/85	Germany	D06F	35/00	X	
	BK	0,845,555 A1	6/3/98	Europe	D06F	39/00		
	BL	2,672,043	7/31/92	France	C02F	1/44	X	
	BM	197 09 085 A1	11/20/97	Germany	D06F	23/00	X	
<i>JWS</i>	BN	3513940 A1	12/5/85	Germany	D06F	95/00	X	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	International Search Report of 18 June 2002
	BS	
	BT	

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JWS

DATE CONSIDERED

2/10/06

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	APPLICANT K. H. Raney et al.	
	FILING DATE	GROUP ART UNIT

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
JHS	AA	5,307,650	5/3/94	Mertz	68	12.12	
JHS	AB	5,868,937	2/9/99	Back et al.	210	651	
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS								
		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
JHS	AH	WO 96/35641	11/14/96	World	C02F	1/44		X
	AI	WO 97/24422	7/10/97	World	C11D	1/825		X
	AJ	WO 97/23415	7/3/97	World	C02F	1/44		X
	AK	WO 98/59025	12/30/98	World	C11D	1/83		X
	AL	WO 98/32908	7/30/98	World	D06F	39/00		X
	AM	WO 99/06817	2/11/99	World	G01N	15/08		X
	AM	0,578,006 A1	1/12/94	Europe	D06F	39/00		
JHS	AO	0,467,028 A1	1/22/92	Europe	C02F	1/44		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
JHS	AR	"Separation of an Anionic Surfactant by Nanofiltration," by Antonio C. Archer, Adelio M. Mendes, and Rui A. R. Boaventura, <u>Environ. Sci. Technol.</u> , 1999, 33, pp.2758-2764
	AS	"Membrane Ultrafiltration to Treat Laundry Wastes and Shower Wastes for Water Reuse," by Robert B. Grieves, Dibakar Bhattacharyya, and J. W. Paul, <u>Intersociety Conference on Environmental Systems</u> , Seattle, Washington, July 29-August 1, 1974, pp. 1-10
JHS	AT	"Recovery of Surfactant from Micellar-Enhanced Ultrafiltration Using a Precipitation Process," by B. Wu, S. D. Christian, and J. F. Scamehorn, <u>Progr. Colloid. Polym. Sci.</u> , Vol. 109, 1998, pp. 60-73

EXAMINER JHS	DATE CONSIDERED 7/10/06
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